



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gary Dahl, et al.

Serial No.: 10/719,168

Filed: 11/21/2003

Entitled:

Group No.: 1637

Examiner: Chunduru, Suryaprabh

**Methods for Using Riboprimers for Strand Displacement
Replication of Target Sequences**

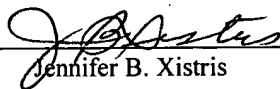
**INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 17, 2006.

By:


Jennifer B. Xistris

Sir or Madam:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: August 17, 2006


Jason R. Bond

Registration No. 45,439

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 305
San Francisco, California 94105
608/218-6900



PATENT

Attorney Docket No. EPICEN-09582

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gary Dahl, et al.

Serial No.: 10/719,168

Group No.: 1637

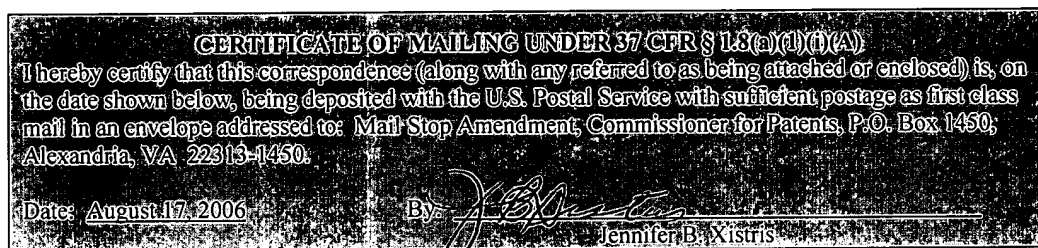
Filed: 11/21/2003

Examiner: Chunduru, Suryaprabh

Entitled: **Methods for Using Riboprimers for Strand Displacement
Replication of Target Sequences**

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Sir or Madam:

The citations listed below may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- US Patent 5,523,204, Issued June 4, 1996, Robert H. Singer, et al.
- US Patent 5,536,649, Issued July 16, 1996, Melinda S. Fraiser, et al.
- US Patent 5,624,825, Issued April 29, 1997, George T. Walker, et al.
- US Patent 5,631,147, Issued May 20, 1997, Kenton L. Lohman, et al.
- US Patent 5,648,211, Issued July 15, 1997, Melinda S. Fraiser, et al.
- US Patent 5,733,752, Issued March 31, 1998, Kenton L. Lohman, et al.
- US Patent 5,744,311, Issued April 28, 1998, Melinda S. Fraiser, et al.
- US Patent 5,756,702, Issued May 26, 1998, Kenton L. Lohman, et al.
- US Patent 5,916,779, Issued May 29, 2001, Robert E. Pearson, et al.

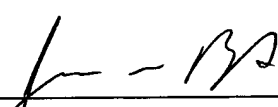
- US Patent 6,309,833, Issued October 30, 2001, Carl F. Edman, et al.
- US Patent 6,326,173, Issued December 4, 2001, Carl F. Edman, et al.
- US Patent 5,849,547, Issued December 15, 1998, Phillipe Cleuziat, et al.
- US Patent 5,874,260, Issued February 23, 1999, Phillipe Cleuziat, et al.
- US Patent 6,218,151, Issued April 17, 2001, Phillipe Cleuziat, et al.
- US Patent 5,786,183, Issued July 28, 1998, Thomas B. Ryder, et al.
- US Patent 6,087,133, Issued July 11, 2000, Nanibhushan Dattagupta, et al.
- US Patent 6,214,587, Issued April 10, 2001, Nanibhushan Dattagupta, et al.
- US Patent 6,063,604, Issued May 16, 2000, James F. Wick, et al.
- US Patent 6,251,639, Issued June 26, 2001, Nurith Kurn.
- US Patent Application 20010034048, Published October 25, 2001, Nurith Kurn.
- US Patent Application 20030017591, Published January 23, 2003, Nurith Kurn.
- US Patent Application 20030087251, Published May 8, 2003, Nurith Kurn.
- US Patent Application 20030186234, Published October 2, 2003, Nurith Kurn.
- US Patent 6,410,278, Issued June 25, 2002, Tsugunori Notomi, et al.
- US Patent 5,591,609, Issued January 7, 1997, Jeffrey I. Auerbach.
- US Patent 5,614,389, Issued March 25, 1997, Jeffrey I. Auerbach.
- US Patent 5,773, 733, Issued June 30, 1998, Wei-Hsing Tuan, et al.
- US Patent 5,834,202, Issued November 11, 1998, Jeffrey I. Auerbach.
- US Patent 6,448,017, Issued September 10, 2002, Jeffrey I. Auerbach.
- US Patent 6,124,120, Issued September 26, 2000, Paul M. Lizardi.
- US Patent 6,280,949, Issued August 28, 2001, Paul M. Lizardi.
- US Patent 5,001,050, Issued 03/19/1001 Blanco, et al.
- US Patent 5,925,517, Issued 07/20/1999 Tyagi et al.
- US Patent 6,103,476, Issued 08/15/2000 Tyagi et al.
- US Patent 6,461,817, Issued 10/08/2002 Alland et al.
- US Patent 5,539,082, Issued 0723/1996 Nielsen et al.
- US Patent 5,641,625, Issued 06/24/1997 Ecker et al.

- US Patent 5,786,461, Issued 07/28/1998 Buchardt, et al.
- US Patent 5,817,811, Issued 10/06/1998 Breipohl, et al.
- US Patent 5,977,296, Issued 11/02/1999 Nielsen, et al.
- US Patent 5,986,053, Issued 11/16/1999 Ecker, et al.
- US Patent 6,015,887, Issued 01/18/2000 Teng
- US Patent 6,020,126, Issued 02/01/2000 Carlsson, et al.
- US Patent 5,985,563, Issued 11/16/1999 Hyldig-Nielsen, et al.
- US Patent 6,238,868, Issued 05/29/2001 Carrino, et al.
- US Patent 5,700,922, Issued 12/23/1997 Cook
- US Patent 5,705,333, Issued 01/06/1998 Shah, et al.
- US Patent 5,714,331, Issued 02/03/1998 Buchardt, et al.
- US Patent 5,719,262, Issued 02/17/1998 Buchardt, et al.
- US Patent 5,736,336, Issued 04/07/1998 Buchardt, et al.
- US Patent 5,773,571, Issued 06/30/1998 Nielsen, et al.
- US Patent 6,001,567, Issued 12/14/1999 Brow *et al.*
- WO 02/16639
- WO 00/56877
- WO 00/28092

Applicants wish to bring to the examiners attention that we are not providing copies of US Patents as instructed under 37 CFR 1.98(a)(2).

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: August 17, 2006



Jason R. Bond
Registration No. 45,439
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
608/218-6900



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/719,168
Filing Date	11/21/2003
First Named Inventor	Gary Dahl, et al.
Art Unit	1637
Examiner Name	CHUNDURU, SURYAPRABH
Attorney Docket Number	EPICEN-09582

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 5,523,204	06/04/1996	Singer, et al.	whole document
	2	US- 5,536,649	07/16/1996	Fraiser, et al.	whole document
	3	US- 5,624,825	04/29/1997	Walker, et al.	whole document
	4	US- 5,631,147	05/20/1997	Lohman, et al.	whole document
	5	US- 5,648,211	07/15/1997	Fraiser, et al.	whole document
	6	US- 5,733,752	03/31/1998	Lohman, et al.	whole document
	7	US- 5,744,311	04/28/1998	Fraiser, et al.	whole document
	8	US- 5,756,702	05/26/1998	Lohman, et al.	whole document
	9	US- 5,916,779	06/29/1999	Pearson, et al.	whole document
	10	US- 6,238,868	05/29/2001	Carrino, et al.	whole document
	11	US- 6,309,833	10/30/2001	Edman, et al.	whole document
	12	US- 6,326,173	12/04/2001	Edman, et al.	whole document
	13	US- 5,849,547	12/15/1998	Cleuziat, et al.	whole document
	14	US- 5,874,260	02/23/1999	Cleuziat, et al.	whole document
	15	US- 6,218,151	04/17/2001	Cleuziat, et al.	whole document
	16	US- 5,786,183	07/28/1998	Ryder, et al.	whole document
	17	US- 6,087,133	07/11/2000	Dattagupta, et al.	whole document
	18	US- 6,214,587	04/10/2001	Dattagupta, et al.	whole document
	19	US- 6,063,604	05/16/2000	Wick, et al.	whole document

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	20	WO 02/16639	02/28/2002	Sagawa, et al.	whole document	
	21	WO 00/56877	09/28/2000	Mukai, et al.	whole document	
	22	WO 00/28082	05/18/2000	Notomi, et al.	whole document	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a currently valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center; font-style: italic;">(Use as many sheets as necessary)</p>		<p style="text-align: center; font-weight: bold;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/719,168</td> </tr> <tr> <td>Filing Date</td> <td>11/21/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Gary Dahl, et al.</td> </tr> <tr> <td>Art Unit</td> <td>1637</td> </tr> <tr> <td>Examiner Name</td> <td>CHUNDURU, SURYAPRABH</td> </tr> <tr> <td>Attorney Docket Number</td> <td>EPICEN-09582</td> </tr> </table>		Application Number	10/719,168	Filing Date	11/21/2003	First Named Inventor	Gary Dahl, et al.	Art Unit	1637	Examiner Name	CHUNDURU, SURYAPRABH	Attorney Docket Number	EPICEN-09582
Application Number	10/719,168														
Filing Date	11/21/2003														
First Named Inventor	Gary Dahl, et al.														
Art Unit	1637														
Examiner Name	CHUNDURU, SURYAPRABH														
Attorney Docket Number	EPICEN-09582														

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	23	US- 6,251,639	06/26/2001	Kurn	whole document
	24	US- 20010034048	10/25/2001	Kurn	whole document
	25	US- 20030017591	01/23/2003	Kurn	whole document
	26	US- 20030087251	05/08/2003	Kurn	whole document
	27	US- 20030186234	10/02/2003	Kurn	whole document
	28	US- 6,410,278	06/25/2002	Notomi, et al.	whole document
	29	US- 5,591,609	01/07/1997	Auerbach	whole document
	30	US- 5,614,389	03/25/1997	Auerbach	whole document
	31	US- 5,773,733	06/30/1998	Tuan, et al.	whole document
	32	US- 5,834,202	11/10/1998	Auerbach	whole document
	33	US- 6,448,017	09/10/2002	Auerbach	whole document
	34	US- 6,124,120	09/26/2000	Lizardi	whole document
	35	US- 6,280,949	08/28/2001	Lizardi	whole document
	36	US- 5,001,050	03/19/1001	Blanco, et al.	whole document
	37	US- 5,925,517	07/20/1999	Tyagi et al.	whole document
	38	US- 6,103,476	08/15/2000	Tyagi et al.	whole document
	39	US- 6,461,817	10/08/2002	Alland et al.	whole document
	40	US- 5,539,082	0723/1996	Nielsen et al.	whole document
	41	US- 5,641,625	06/24/1997	Ecker et al.	whole document

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND**

TQ: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/719,168
Filing Date	11/21/2003
First Named Inventor	Gary Dahl, et al.
Art Unit	1637
Examiner Name	CHUNDURU, SURYAPRABH
Attorney Docket Number	EPICEN-09582

Sheet 3 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	42	US- 5,786,461	07/28/1998	Buchardt, et al.	whole document
	43	US- 5,817,811	10/06/1998	Breipohl, et al.	whole document
	44	US- 5,977,296	11/02/1999	Nielsen, et al.	whole document
	45	US- 5,986,053	11/16/1999	Ecker, et al.	whole document
	46	US- 6,015,887	01/18/2000	Teng	whole document
	47	US- 6,020,126	02/01/2000	Carlsson, et al.	whole document
	48	US- 5,985,563	11/16/1999	Hyldig-Nielsen, et	whole document
	49	US- 6,001,567	12/14/1999	Brow et al.	whole document
	50	US- 5,700,922	12/23/1997	Cook	whole document
	51	US- 5,705,333	01/06/1998	Shah, et al.	whole document
	52	US- 5,714,331	02/03/1998	Buchardt, et al.	whole document
	53	US- 5,719,262	02/17/1998	Buchardt, et al.	whole document
	54	US- 5,736,336	04/07/1998	Buchardt, et al.	whole document
	55	US- 5,773,571	06/30/1998	Nielsen, et al.	whole document
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.